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# Westinghouse

ELECTRIC CORPORATION



AIR ARM BUILDING

DPS-3570

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PHONE: SOUTHFIELD 1-1000  
FRIENDSHIP INT'L AIRPORT  
BOX 746, BALTIMORE 3, MD.

14 August 1958

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SUBJECT: Contract TA-3034  
Westinghouse Reference AAD-30465  
Monthly Progress Report #14

*Its 4 1 en rpt*  
*TA-3034 T+P*  
*orig rpt to*

In accordance with Item 3 of the subject contract  
forwarded herewith are two (2) copies of Monthly Progress  
Report #14 on the Terrain Avoidance Radar System for the  
period from 30 June 1958 to 31 July 1958.

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A copy of this report is being sent direct to  
[redacted] of WADC.

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Sales Engineer

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MONTHLY PROGRESS REPORT #11

on the

TERRAIN AVOIDANCE RADAR SYSTEM

For the period from

June 30, 1958 to JULY 31, 1958

G. O. AAD-30465

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WESTINGHOUSE ELECTRIC CORP.

Air Arm Division

P.O. BOX 746

Baltimore 3, Maryland

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**SECRET**MONTHLY PROGRESS REPORT #14TERRAIN AVOIDANCE RADAR SYSTEMPROGRESS FOR THE MONTH OF JULY 1958

Construction of the rebuilt X Scope is nearing completion. All other final units in the system have been completed. With the breadboard X-Scope substituted for the final model, system tests of the final system were completed. All units performed satisfactorily and results were essentially the same as those achieved with the breadboard system. The radio towers at Annapolis, located about 16 miles away were presented on the display. Aircraft in flight could be observed to 6 to 9 miles. The surrounding terrain was presented satisfactorily.

Some mechanical rework of the units remains to be completed. This includes restenciling where components have been changed, and some relocation of latches to assure proper fit of covers.

Test specifications have been written on all units except the X scope. Schematics are being brought up to date by drafting. The operator's manual has been released to publications except the E Scope and X Scope sections. Work on the final report has been started.

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